

7/15

-- The specification incorporates by reference the entire disclosure of German priority documents 297 17 496.7 of September 30, 1997, and of International Application PCT/EP98/06074 of September 23, 1998.

The present invention is, of course, in no way restricted to the specific disclosure of the specification and drawings, but also encompasses any modifications within the scope of the appended claims. --.

IN THE CLAIMS:

Please cancel claims 1-15 and replace them with the attached claims 16-31.

IN THE ABSTRACT:

Please add the attached Abstract of the Disclosure.

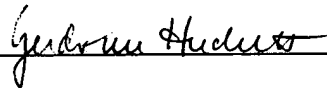
R E M A R K S

Claims 16-31 are pending in the application; claims 1-15 have been canceled.

Appropriate headings have been added to the specification, a proper Abstract of the Disclosure has been added. Furthermore, the claims from the literal translation have been replaced by claims drafted in conformity with U.S. Patent practice.

The application in its amended state is believed to be in condition for allowance.

Respectfully submitted,



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Enclosures - claims 16-31
- Abstract of the Disclosure

WHAT IS CLAIMED IS:

16. Gemstone comprising:
a plate-shaped support having a surface with at least one pyramid-shaped depression; and
a precious stone layer (1) produced by vapor phase deposition on said plate-shaped support.
17. Gemstone according to claim 16, wherein said plate-shaped support is a silicon wafer.
18. Gemstone according to claim 17, wherein said silicon wafer has (100) or (111) orientation.
19. Gemstone according to claim 16, wherein said plate-shaped support is comprised of a precious metal.
20. Gemstone according to claim 16, wherein said plate-shaped support is comprised of hard metal.
21. Gemstone according to claim 16, wherein said plate-shaped support is comprised of a refractive metal such as tungsten or molybdenum.
22. Gemstone according to 16, wherein said at least one pyramid-shaped depression is produced mechanically.
23. Gemstone according to claim 22, wherein said at least one pyramid-shaped depression is produced by cutting or stamping.
24. Gemstone according to 16, wherein said at least one pyramid-shaped depression is produced by etching.

25. Gemstone according to claim 16, wherein the pyramid angle of said at least one pyramid-shaped depression within said plat-shaped support differs.

26. Gemstone according to claim 16, wherein the pyramid angle of said at least one pyramid-shaped depression is approximately 109°.

27. Gemstone according to claim 16, wherein grain boundaries of said precious stone layer (1) are aligned in a column shape.

28. Gemstone according to claim 16, wherein said at least one pyramid-shaped depression have a mirror surface.

29. Gemstone according to claim 16, wherein an upper surface of said precious stone layer facing away from said plate-shaped support (1) is cut.

30. Gemstone according to claim 16, wherein said precious stone layer (1) has a color produced by doping.

31. Gemstone according to claim 16, wherein a surface of said plate-shaped support, on which said precious stone layer (1) is supported, is curved.